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Mathematics and Statistics

**Seminars & Colloquium**

**February 7 - 11**

**Colloquium:**

No Colloquium This Week

**Monday – February 7**

**Geometry seminar**

Location: MATH 010

Time: 4:00-5:00pm

Speaker: Alastair Hamilton

Topic: “The orbi-cell decomposition of moduli space”

**Tuesday – February 8**

**Logic-Topology Seminar**

Time: 2:30-3:30pm

Location: CHEM 101

Speaker:  T. McLaughlin  
Title:  “More on Basic Morley-Vaught Theory”

**Wednesday – February 9**

**Applied Math Seminar**

Location: MATH 016

Time: 4:00-5:00pm

Speaker: Luan Hoang

Title: An Explicit Poincare-Dulac Normal Form for Navier-Stokes Equations

**Analysis Seminar**

Location: MATH 112

Time: 4:00-5:00pm

Speaker: Kent Pearce

Title: Conformal Mapping and Brownian motion Part III

**Stochastic Control Seminar**

Time: 4:00-5:00pm

Location: MATH 109

Speaker: Clyde Martin  
Title:  Lecture 1: Jump processes

**Thursday – February 10**

**Friday – February 11**

**Algebra Seminar**

Time: 4:00-5:00pm

Location: MATH 110

Speaker: Lars Christensen  
Title: "Tate (co)homology via pinched complexes"

Abstract: Let R be a ring. For complexes of R-modules we introduce two constructions, which we call the pinched tensor product complex and the pinched Hom complex. Our motivation for studying these constructions is their connections to Tate (co)homology, and I will focus on the balancedness question. The talk is based on joint with David A. Jorgensen

**Math Education/Noyce Scholars seminar**

Time: Friday 12:00-12:50pm

Location: MATH 011

Speaker: Jaclyn Canas

Topic: Faculty Mentoring